

1949
00000000000000000000000000000000000000

A. 00000000 $oldsymbol{1.}$ 2. 00000000000 **3.** ___ Chaitin's constant _______ ППП 8. Grigori Perelman 🛮 Poincaré conjecture 🔲 🗎 🖺 🖂 🖂 🖂 🗎 Poincaré conjecture **9.** Demis Hassabis \square AlphaGo Zero \square intuition \square intuition \square intuition \square Demis Hassabis ☐☐ AlphaGo Zero ☐☐ intuition ☐☐☐☐☐☐ AlphaGo Zero ☐☐☐☐☐☐☐ a **10.** 🔲 AlphaGo Zero 🖂 🖂 Nature 🖂 🖂 Superhuman performance **C.** חחחחחחחחח 11. DODDODODO MOTIF DODDODODODODODODODODODODODODODODODODO

- **13.** The Selfish Gene The Immortal Gene

15.
D. 000000000000000000000000000000000000
$\textbf{16.} \ \square$
17. 000000000000000000000000000000000000
18. encoder-decoder, attention, transformer, BERT = =
19. _ Turing Test SAE level 4 _ level 5
20. 00000000000000000000000000000000000
21. DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
22. [[[[]]] deep-learning [[]] deep residual networks [[]] generative adversarial networks, etc. [[] Turing Machine [[]] deterministic, probabilistic, etc. [[] [] [] [] [] [] [] [] [] [] [] [] []
23. 000000000000000000000000000000000000
24. 000000000000000000000000000000000000
00000000000000000000000000000000000000

00000000000000000000000000000000000000
00000000000000000000000000000000000000
000000000 AlphaGo Zero 000000000000000000000000000000000000
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
0000000000000000000000000000000000000
00000000000000000000000000000000000000
00000000000000000000000000000000000000
00000000000000000000000000000000000000
00000000000000000000000000000000000000

$ \begin{array}{c} \square \square$